Requirements

Approved For Release 2000/08/17: CIA-RDP61S00527A000100020140-0

SECRET

THEU

25X1A5a1

25X1A9a

30 July 1956

Requirements on Duseian Type E Locomotives

BACKGEGURD

During World War I US locomotive manufactures built Type & locomotives for Russie. Some of these locomotives are still in operation on the Trans-Ciberian railroad. At the end of the war, some of these locomotives which had been built by Baldwin Locomotive Works had not been delivered to Russia, and these were sold



It is requested that responses to these questions be obtained no later than 10 August 1956.

The requirements are unclassified.



The following questions pertain to the R-10-0 locomotives (founties Type E) which were built during world wer I by US locomotive builders, some of which were sold to the Brie and the Central of Georgie Bellionds. There were two verieties of this type built, one with 17,000 posses weight as drivers, the other with 171,100 posses weight as drivers. In most other respects the specifications of those verieties were the sear: It inch cylinder dissector, 20 inch piston stroke, 20 inch driver dissector, 100.1 PER boilton pressure.

- 1) In what type of service were these locasotives used? How useful would they have been in mainline convice! Here they always used only for local emvice?
- 2) Boy did these locametives compare with locametives of US design of approximately the sear weight or tractive effort? Here may codificabless made on these locametives after they were received from the factory?
- 3) That was the maximum temples these locamotives would pull over verious grades and curves?
- is) Here dynamical tests of these leconolives ever pulet
 - a) If so, that were resulto?
 - b) If not, at that dreater pull were they rested?
- 5) What were the stemming qualities of this locomotive? Now often were water stops and coaling stops made? What type of coal was used in these?
- 6) New did these locomotives ride? (They had high center of greatty).
- 7) At that specie was it possible to operate them?
- 0) Did these locomotives slip escily?
- 9) When were maintenance problem of these locasotives! How did they require unusual maintenance? What was the relative frequency of repairs, including boilder wash?
- 10) At what out-off were these locomotives operated at starting? (They were probably designed for 62.31).



Approved For Release 2000/08/17 : CIA-RDP61S00527A000100020140-0

- 11) Were there any unusual problems in whiter with these locatorives?
- 12) What was the average daily run of these locomotives? Now did this compare with others of similar veight or tractive efforts?

25X1A9a

25X1A9a ORR/s/TR: 1956)

- 3 -